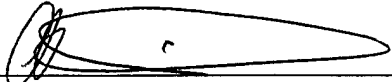




PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Alex Martinez

Applicant : Manabu Matsubara, et al.
Application No. : 10/754,009
Filed : January 8, 2004
Title : REMOTE CONTROL ENGINE STARTING DEVICE FOR VEHICLE

Grp./Div. : N/A
Examiner : N/A

Docket No. : 51766/DBP/A400

TRANSMITTAL OF DRAWINGS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

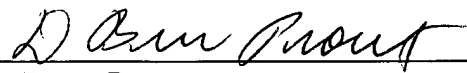
Post Office Box 7068
Pasadena, CA 91109-7068
July 26, 2004

Commissioner:

Enclosed are 11 sheets of drawings for this application. They are submitted as replacement drawings to replace the corresponding drawings as originally filed.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

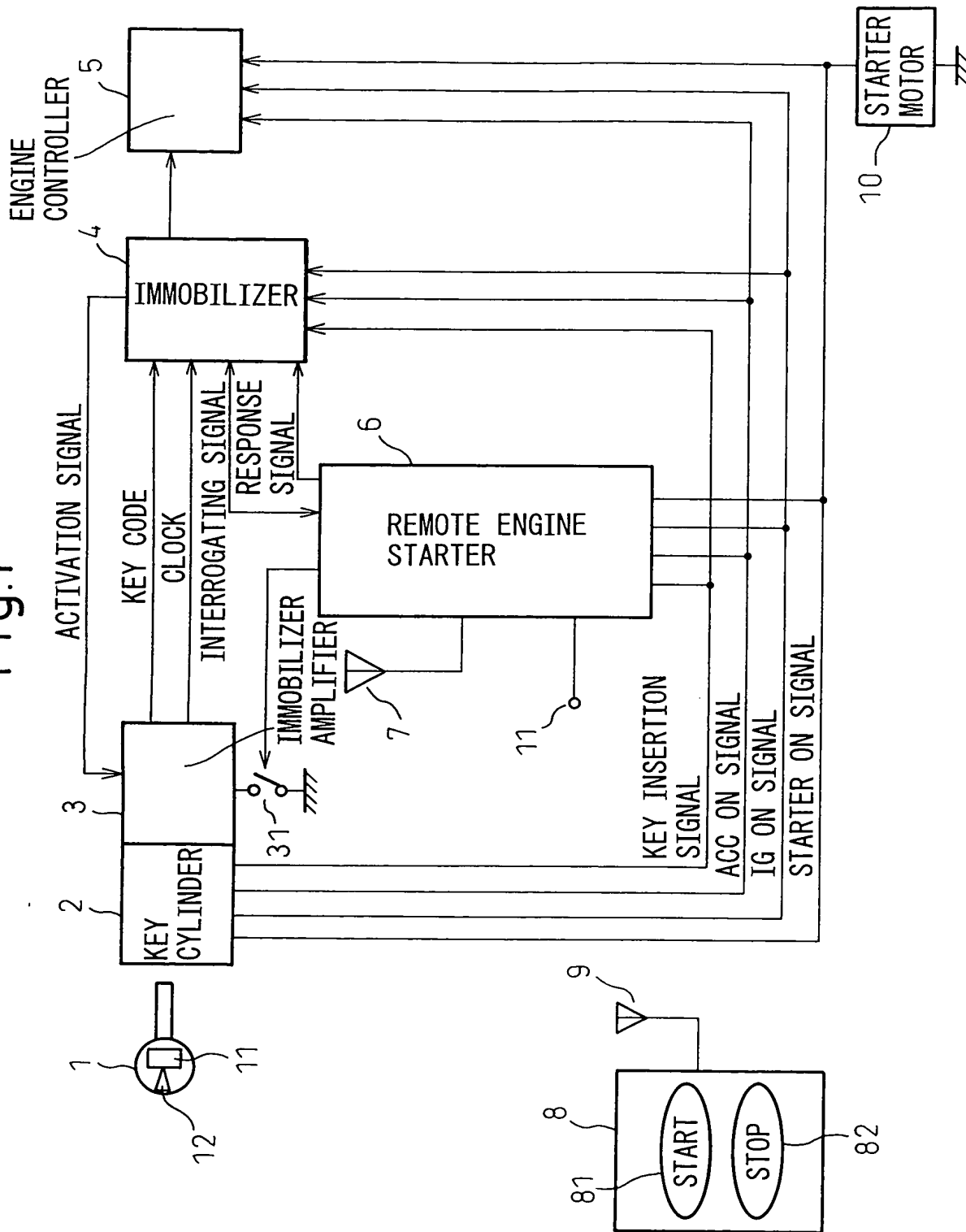
By 

D. Bruce Prout
Reg. No. 20,958
626/795-9900

DBP/aam
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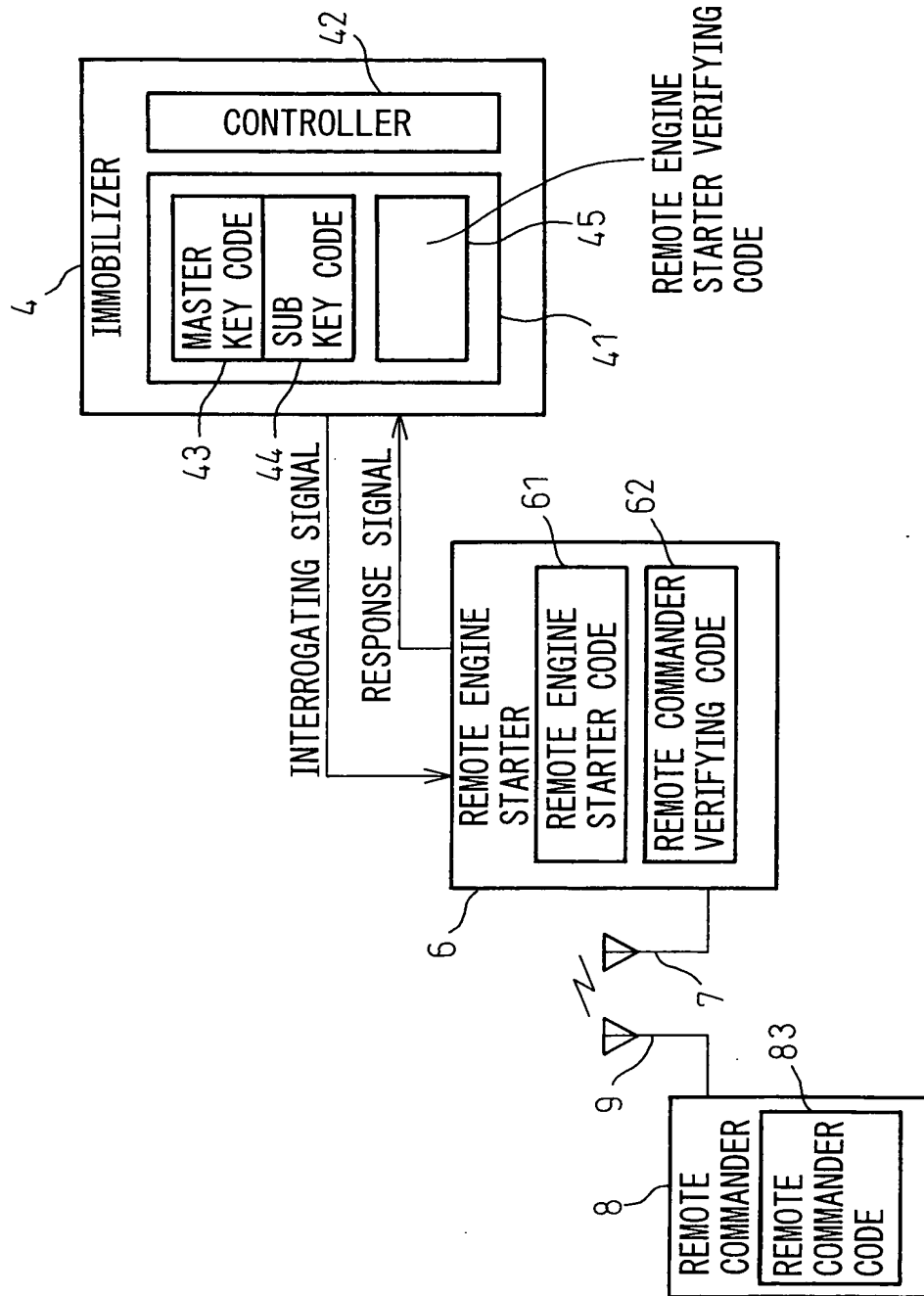
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Fig.1



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Fig.2



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Fig.3A

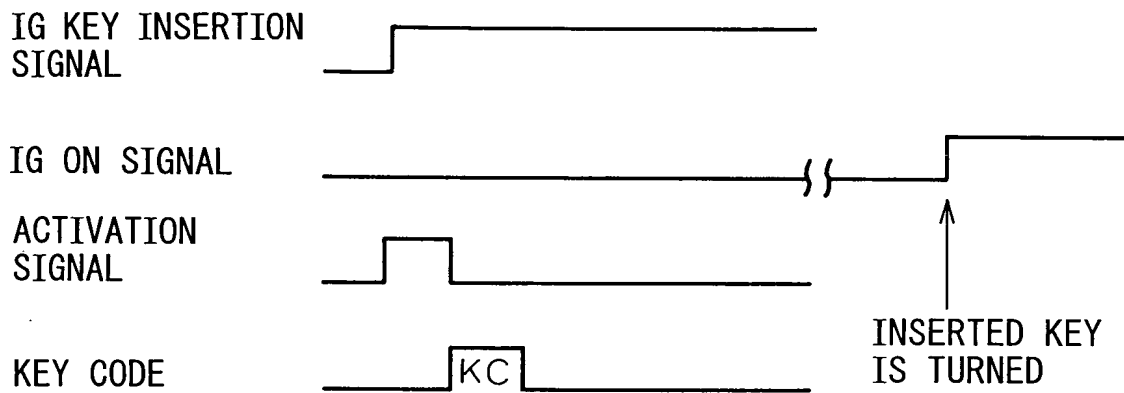
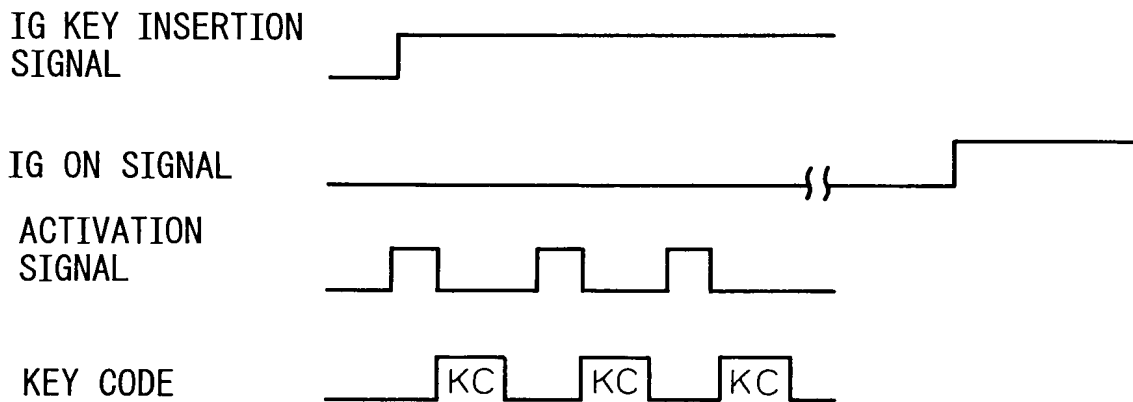


Fig.3B



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Fig.4B
ENGINE STARTING
BY KEY INSERTION

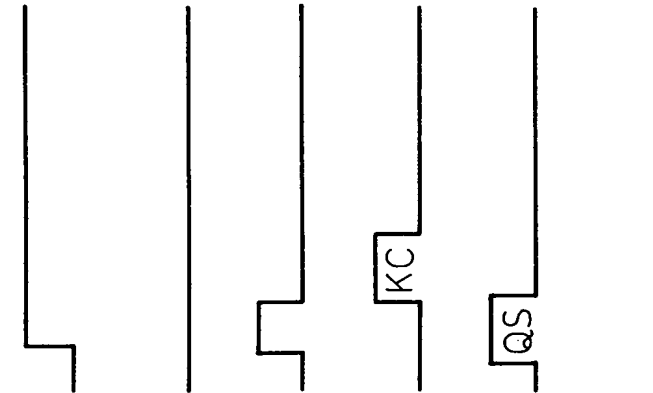
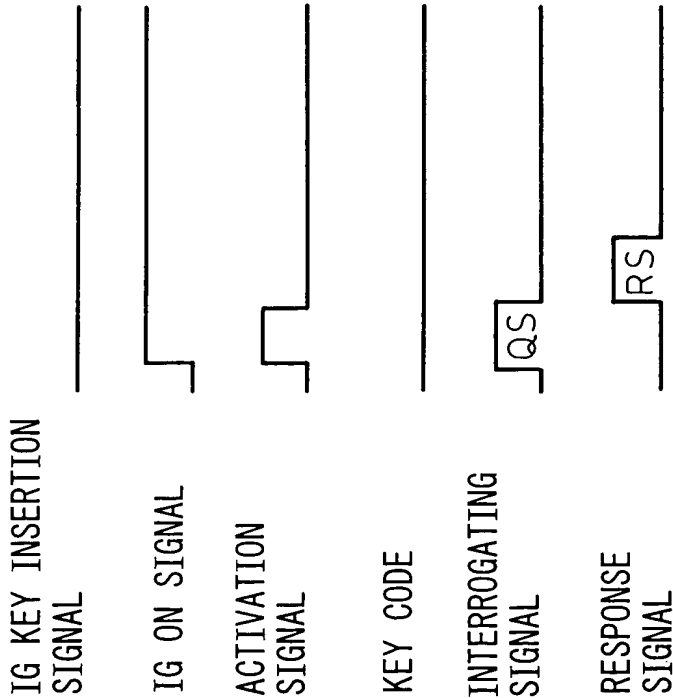
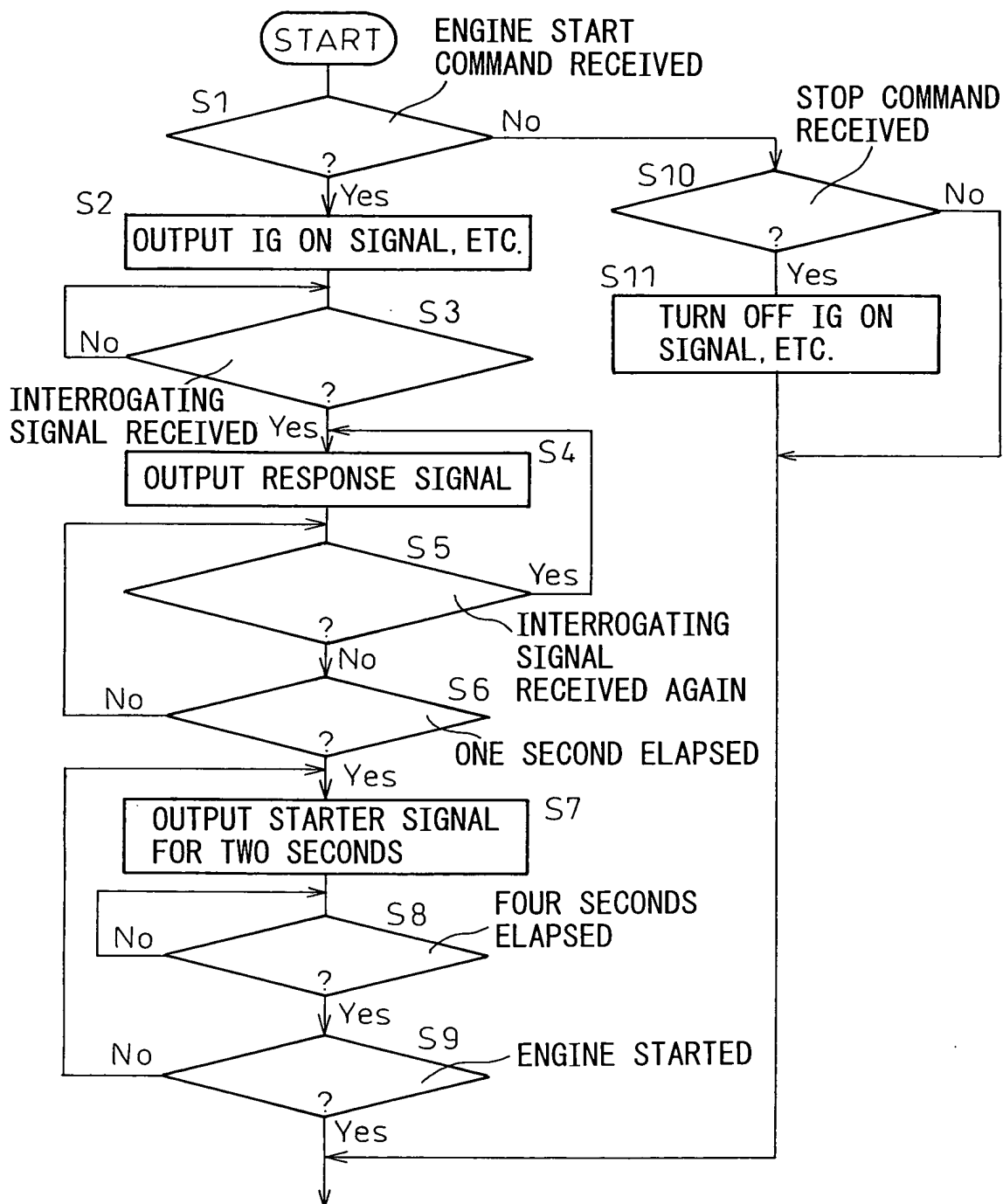


Fig.4A
REMOTE ENGINE
STARTING



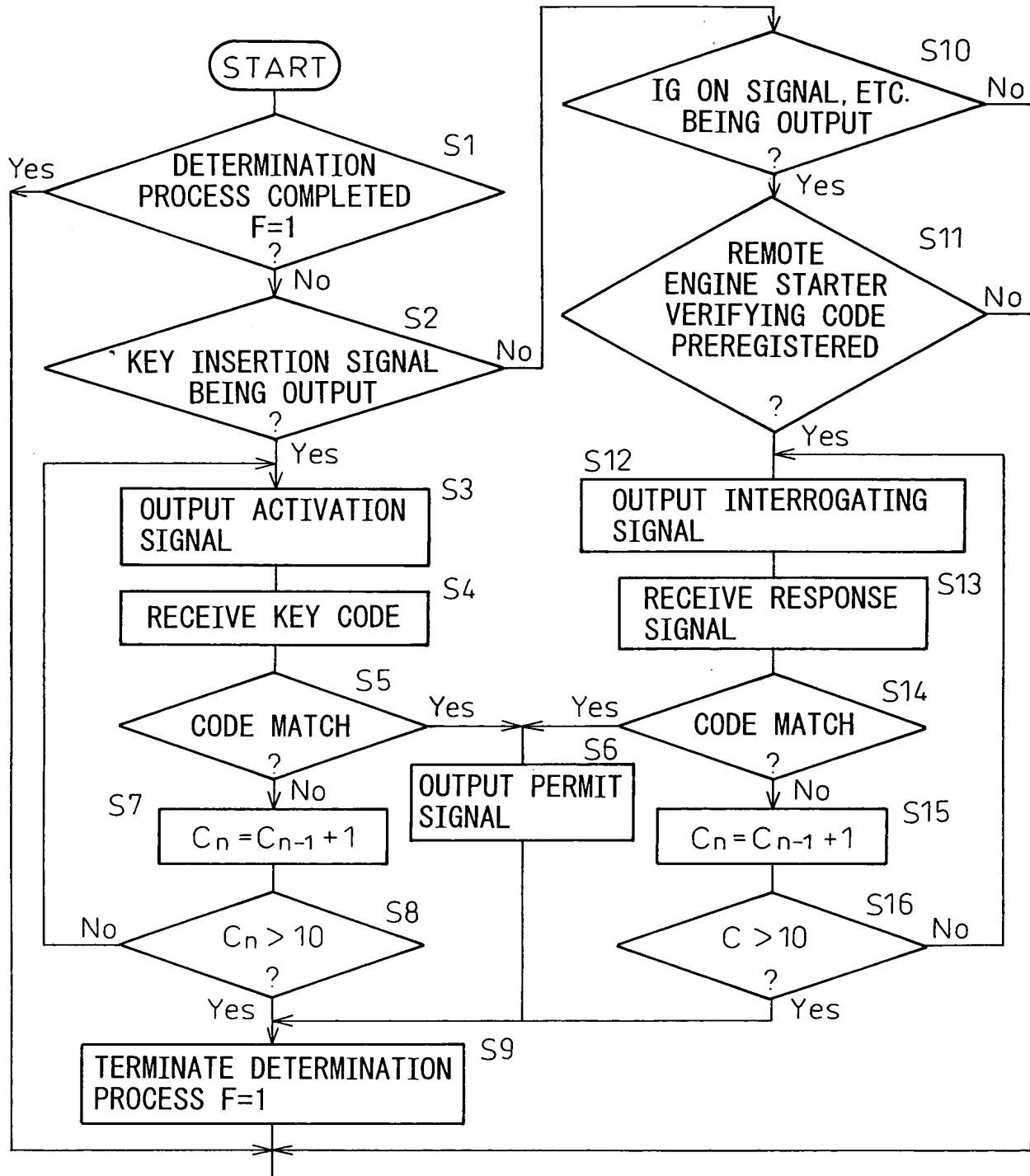
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Fig.5



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Fig.6



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Fig.7B

ENGINE STARTING
BY KEY INSERTION

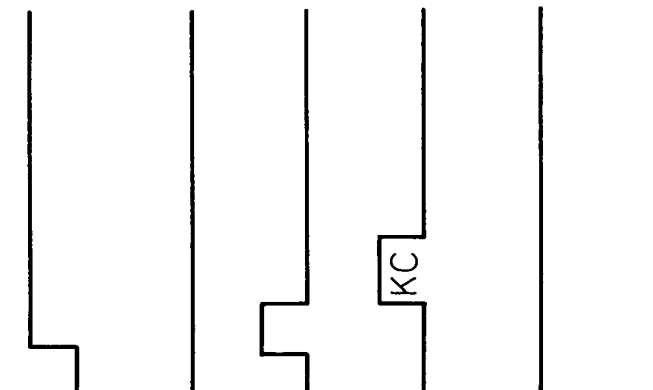
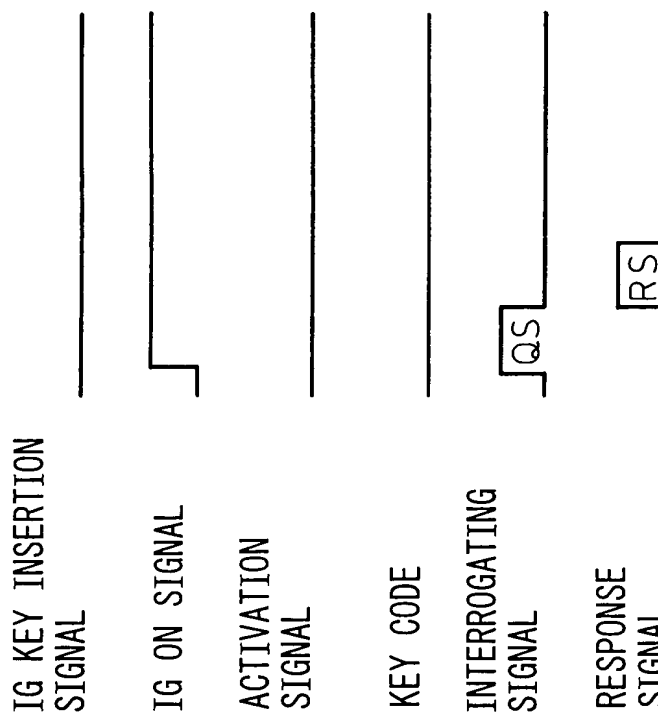


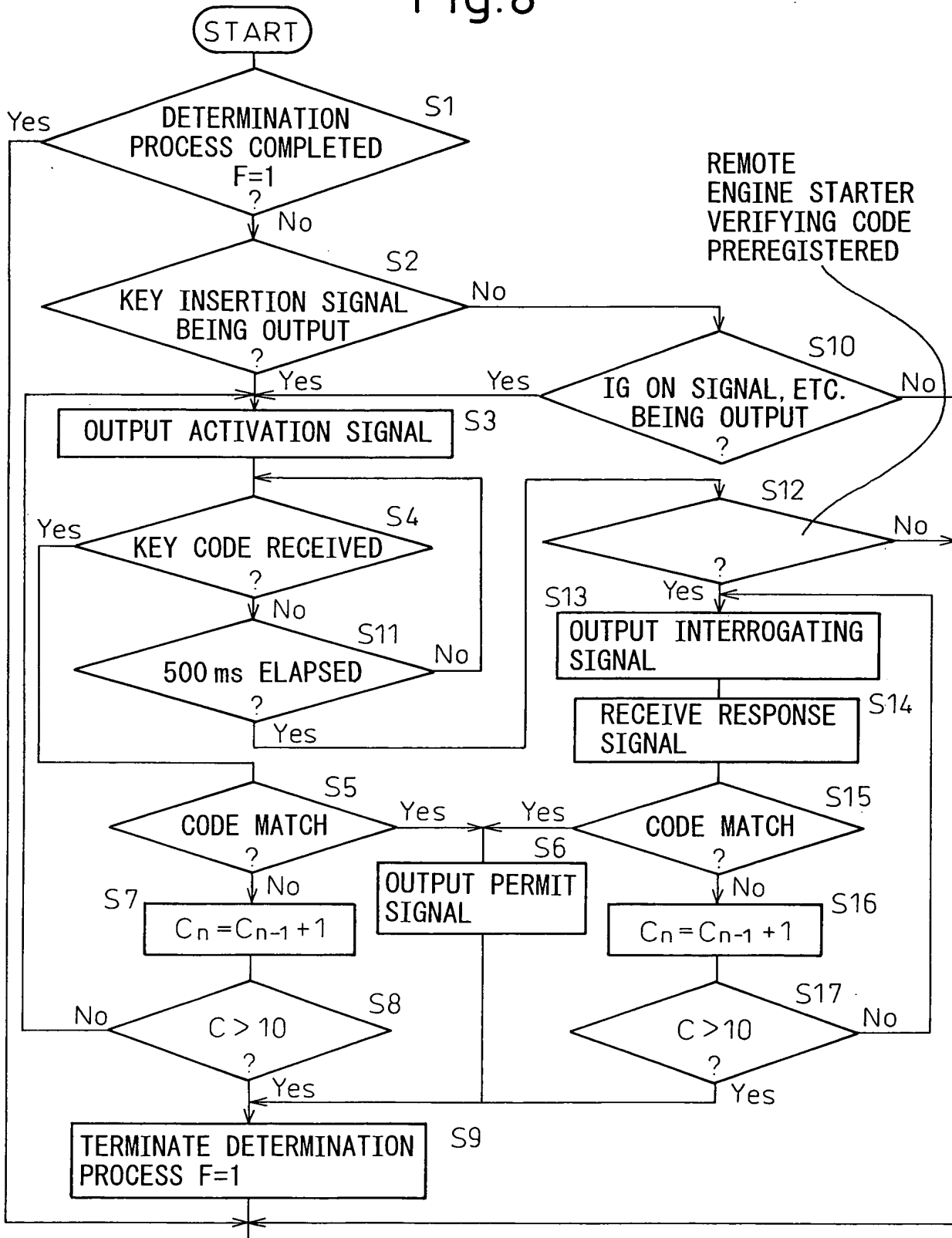
Fig.7A

REMOTE ENGINE
STARTING



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Fig.8



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Fig.9B
ENGINE STARTING
BY KEY INSERTION

Fig.9A
REMOTE ENGINE
STARTING

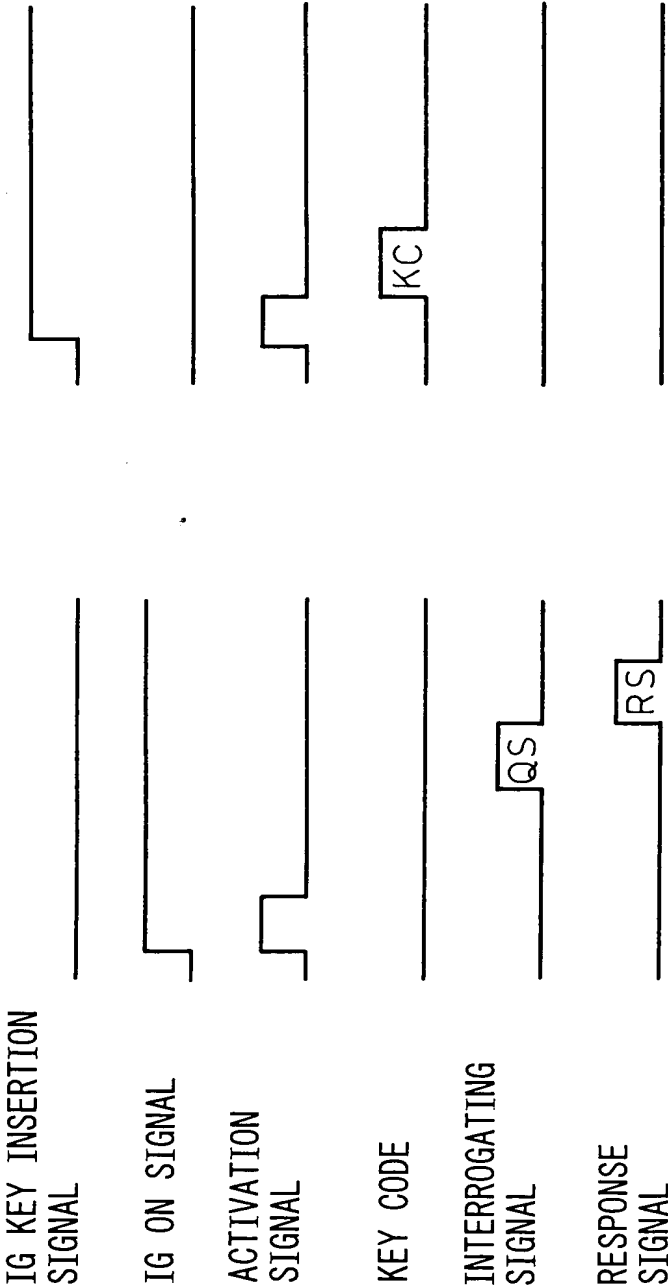
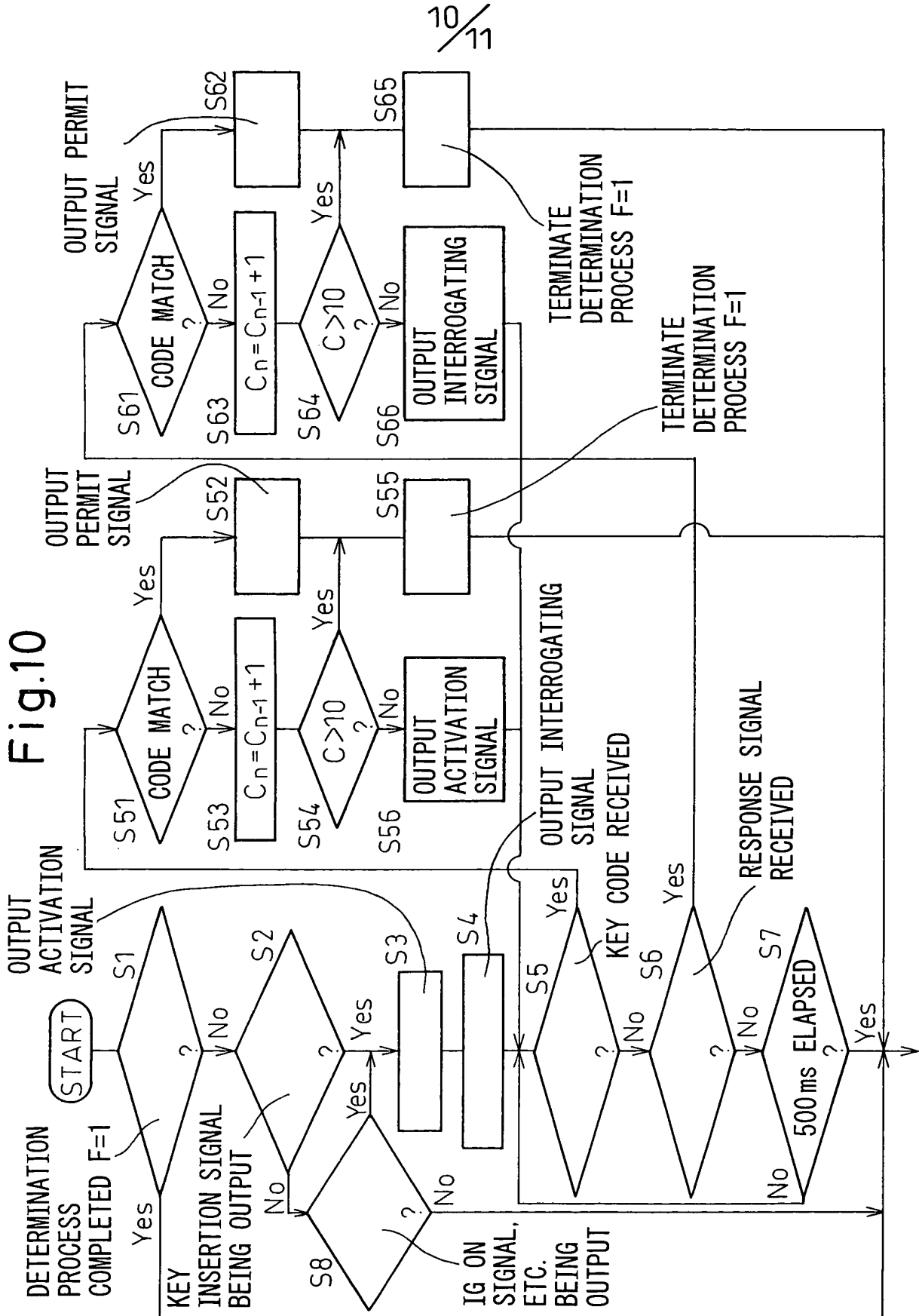


Fig. 10



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Fig.11A

REMOTE ENGINE
STARTING

IG KEY INSERTION
SIGNAL

IG ON SIGNAL

ACTIVATION
SIGNAL

KEY CODE

INTERROGATING
SIGNAL

RESPONSE
SIGNAL

Fig.11B

ENGINE STARTING
BY KEY INSERTION

KC

QS

RS